

ABSTRACT

A dual-radio communication apparatus (100) has a first radio device (110), such as a Bluetooth radio, for use in a first frequency band, and a second radio device (120), such as a Globalstar satellite radio, for use in a second frequency band, which is proximate to the first frequency band. The communication apparatus also has a controller coupled to the first and second radio devices. The first radio device may comprise a frequency-hopping spread-spectrum transmitter. Moreover, the first radio device (110) has a first operating mode employing a first frequency range. The first radio device also has a second operating mode employing a second frequency range, which is smaller than the first frequency range. The controller is adapted to set the first radio device in its second operating mode, when the second radio device (120) is in operation, and otherwise set the first radio device in its first operating mode.

To be published together with Fig. 1